/146 cont./

224 pitfall is put on the trail. I have never seen larger pitfalls for big game in the Auin region.

The jumping hare is held fast in its burrow (not pulled out!) and pressed against the end of it with the well-known angling [171] [411] stick of the South Africans, which among the Auin displays no special characteristics. A vertical hole is then dug from above, and the animal is taken out.

Hyrax. The exits of the burrow are blocked and then an opening is made (that is, dug in from the top).

Leopards are hunted only when several keen dogs are available. The animal is then covered by the dogs and killed with spears by several Bushmen. Without dogs, the Bushman dispenses with this sport, which every expert will understand.

The cheetah is pursued on foot by several people until it is exhausted and then killed with clubs and spears.

Hyenas are not hunted. They are smoked out only when a brood with young animals has been found in a hole in the ground, and the asphyxiated animals are then dug out.

The aardwolf is suffocated in his burrow by smoke and then dug out.

The jackal is not hunted since the Bushman supposedly does not get it anyway.

The wild dog (Lycaon pictus) is not hunted. I believe that in case of an encounter between the two the Bushman himself would usually constitute the game.

In isolated cases the skin of an ostrich, with a stick placed [237] in the neck, is used as a mask. The hunter slips into the skin after he has colored his legs with chalky soil. This mask is used [223] for hunting ostriches as well as other types of game.

The Bushman is unable to make other masks since he cannot [281] soften the skins of larger animals without changing their natural appearance. At the same time, the Auin described other masks to me so accurately that I could not doubt that their manufacture and use was known to them.

The characteristic sound of the young springbok, duiker, and klipbok is imitated with the lips while the nose is held with the index and middle finger.

The frightened scream of the young gemsbok and wildebeest is likewise imitated.

/152 cont./

415 Mortars and pestles, as well as spoons of wood, are made (see Photo. 18).

[287] Painting and bark working are unknown.

171 281 The preparation of hides is the same as that practiced by the Hottentot, Herero, Bergdamara, and Betschuana. Hence, I shall dispense with a description of the process.

281 386 The women's cosmetic described above is used to dye clothing made of hides. The dye is rubbed on with the ball of the hand and is comparatively waterproof.

To be sure, it is questionable whether this process may be called "dyeing." The hides are already red from the tanning process, and the cosmetic scarcely changes the color. Perhaps it is better regarded as impregnation or greasing.

386 438 /153/ The colored stones that are pulverized and mixed with fat to make the cosmetic are dug up near Kaitsaub (45 kilometers south of Gobabis) by the Hai//um Bushmen residing there, and they constitute an article of trade. [Fig. 12 appears here.]

283 The beautiful and durable cordage of the Auin is made of the fiber of a wild agave. It looks so neat and clean that one might suspect its origin to have been in a European rope factory rather than in a Bushman settlement.

The cords are made in various strengths and are used for all kinds of purposes, mainly for the game snares.

Their manufacture is very simple and proceeds very rapidly.

The leaf is softened by tapping with a wooden stick, and it is then placed on a firm base. One hand holds a pointed stick or a blunt knife firmly on the leaf, while the other hand draws the leaf against the vertically held knife and toward the body. After this has been repeated several times, the strong fibers remain and are then rolled together into cords of the thickness and length desired.

Industrial use of Bushman cordage does not seem impossible to me.

412 As a drill, the lance point or an iron knife is used, frequently red-hot.

325 Only pieces of iron found accidentally are worked. The extraction of iron from ore is unknown.

Charcoal made from the giraffe acacia is the preferred fuel [372] for ironworking.

[Text continues on page 43]

/255 cont./

281 The hair is removed from the hides. After the skinning, the hides are stretched out on the ground for two days, exposed to the sun; then the hair is removed, and subsequently the juice of a red tuber is rubbed into the hides on the inside. After they have been prepared in this manner, they are buried in the ground for a longer period of time and are then ready for use.

291 Not infrequently the Bushmen wear sandals which they cut from antelope hide in the simplest manner imaginable. A leather sole is fastened with three thongs to a leather ring lying over the instep and drawn tight below the ankle. One thong runs between the first and the second toe, while the two others run inside and outside the foot.

301 The children go about quite naked. Despite this sparseness of clothing, the feeling for ornamentation finds full expression.

Many ornamental objects serve as amulets which are worn for a great variety of purposes. The women are more richly adorned than the men. Whereas the latter frequently content themselves with arm rings made of antelope leather, the women are usually overloaded with ornamental objects. One of the favorite women's ornaments is a necklace made of ostrich egg shells. The shells [321] are worked into small, approximately penny-sized circular disks which are pierced in the middle and strung on a leather thong. Arm and leg rings are made of the same materials.

In place of the little ostrich egg disks, colored glass beads [439] obtained in trade are frequently used for necklaces and arm rings. One sees many a woman walking along with a tortoise-shell box hanging on her chest, /256/ which is decorated with bead-studded leather strips and used as a container for tobacco.

Pierced pieces of root, distinguished by natural rings notched at regular intervals, are strung on leather thongs for necklaces.

224 I found the following ornamental objects which simultaneously
301 served the function of an amulet:

1. Little pieces of dried antelope flesh are worn on the chest in the belief that the wearer will not lack meat to eat so long as he wears these guarantees.

2. The same significance is attached to dried antelope ears which are worn in a small leather bag on the chest.

9: Thomas T-5 (1951-1955)1959
FX10 Bushmen FX10



The Bushmen are one of the most primitive peoples living on earth. Although most of their groups own some metal objects, Bushmen do not smelt or forge metal, but get it in trade from their Bantu neighbors. They use soft metal in the making of a few tools such as knives, arrowheads, and little axes, cold-hammering the metal into shape themselves. Bushmen make the other tools they use from wood and bone, grass and fiber, the things of the veld. They dig roots and pick berries to eat because they have no crops. The desert is too dry for anything but desert plants to grow naturally, and Bushmen, who quickly consume all the wild food available in one place, cannot stay anywhere long enough to tend crops or wait for them to grow.

There is not enough water to water livestock, and for this reason Bushmen have no domestic animals. Most of their groups do not even have dogs. Instead of herding, Bushmen hunt wild antelope with tiny arrows, sometimes made of soft, traded metal, sometimes made of bone, and poisoned with a terrible poison extracted from a certain grub, a poison which affects the nervous system of a creature and which is so deadly that an antelope shot early in the morning with a single arrow well placed in the body dies within the day. Hunting is very difficult, for travel in the veld is thirsty and rigorous and the antelope are clever, but as often as not the Bushmen hunters shoot one and then they use it all. Most of the meat is dried to preserve it, causing it to last at least a few weeks, but sooner or later every last bite of it is eaten, even the mucous lining of the nostrils and the gristle inside the ears. They sometimes eat the hide, sometimes work it into leather to use for clothing, and if the antelope bones are not all cracked for the marrow, pieces are worked into arrow points to shoot another antelope.

In order to live as they do, Bushmen must travel through

9: Thomas T-5 (1951-1955)1959
FX10 Bushmen FX10
Gikwe



"Walks-Before-the-Sun," was just starting its journey across the sky. This planet, which we call the morning star and which is a different one from time to time, rises just before the sun and walks all day across the sky looking for shade. Every day, say Bushmen, the sun overtakes it and scorches it, and though people walking can cut branches from trees to put up over their heads as parasols, the poor star finds no branches in the sky.

Over the moon the Firewood Star was sinking too. This is a real star, the star by which the Bushmen, when they see it rising, can tell if they have enough firewood to last the night.

When the sun was up, when the moon and all the stars were gone, we went as usual to the werf, where we found Ukwane curing fox skins with urine, the only liquid he had. It was not fresh urine either; it was rank, saved for days by all the people, collected in tsama rinds. We had noticed a stench, but we had not known what it was. To be certain, we asked Ukwane, and he said: "Water."

"What water?" we asked, knowing there was none.

"The water that all the people in the Kalahari have to use."

"Is it urine?"

"Yes, it is," he said.

The skins were from five Delalandes or long-eared foxes which Ukwane had snared three seasons ago. He had stretched and scraped the skins but had not cured them because until now he had not had the time. A few days ago he had told his people to begin saving urine so that he could cure and soften the hides. They had, and he now poured urine onto each skin, letting it soak, then rubbed the skin hard between his hands. He repeated this process again and again, working one skin at a time, and before long the skins were moist all through, and when they were dry they were as soft as chamois. Ukwane said that he was going to trade the soft

9: Thomas T-5 (1951-1955)1959
FX10 Bushmen FX10
GiKwe



281 skins with Bakalahari people for tobacco when we had gone and when the tobacco we had given him had all been used. We asked how much he would get and he measured an imaginary pile in the palm of his hand—not much for four or five days' work, although the skins of Delalandes foxes are quite small.

136 There were Delalandes foxes living not far from Ai a ha'o, a colony of them, for they always live together. I saw them often and they were charming creatures, fuzzy with huge ears and black stockings. I have always admired them, for although they have no defenses, can neither run fast nor fight, they are not afraid to go mousing far from their burrows. Then, when they are surprised by a menace, they have to run home, and they start off all together and run and run, humping on and on at an even pace, neither speeding nor slacking, until long after you first saw them they disappear into their holes. They are humble creatures, but persistent and brave. One member of our expedition hunted them for months with rifle and shotgun, trying to get a specimen for a museum in the United States, but I am glad to say he never succeeded. Ukwane caught them, though, the easy way. He set five snares for them at five mouse-runs in the grass; five foxes strangled in the snares, and Ukwane came around the following day to gather them up.

123 825 321 411 We filmed Ukwane working the skins. Then we found the shoulder blade of the gemsbok we had shot weeks ago still lying in the werf and we asked Gai to make an arrowhead out of it so we could film that, too. It was the right kind of bone, the kind that Bushmen use. The small antelope and even some of the larger ones, such as springbok and wildebeest, have bones which are too fragile to penetrate another antelope's heavy hide. Gai agreed to make the arrow; he broke off the scapular spine and pushed it into a fresh tsama melon to

9: Thomas T-5 (1951-1955)1959
FX10 Bushmen FX10
Kung



namesake of Dikai, I had acquired her set of relationships and was expected to follow the rules that applied to her. I could act in a familiar way with those people whom she treated familiarly and was expected to avoid those whom she avoided. I called Dikai "Big Name," the term usually applied in such a relationship, she called me "Little Name," her nephews called me "Aunt," her mother called me "Daughter," and often her husband, Gao Feet, with roars of laughter, would say he would marry me someday.

We sat down in the werf in the delicate shade of the arching branches and Dikai's mother produced a bag full of tsi nuts, which the people began to roast and eat. The bag was made of the entire skin of a duiker—a little nocturnal antelope no bigger than a small dog—turned inside out with the legs tied together as handles, the neck tied off as the bottom of the bag and the rump open as the top. When it was full of tsi it was solid and formed and looked eerily like a little, headless duiker.

When the day was over and the sky was getting dark I made a camp for myself a few feet from the werf. The Bushman children helped me pull the grass. We built a fire in our clearing and I cooked some beans and tsi nuts that Dikai's mother had given me for myself and the children, and as Bushmen from the werf began to come over I cooked more and more. There wasn't much—the Bushmen had only half a day's supply and we hadn't expected to be away from camp so long. Everyone had a little, though, and afterward we filled ourselves up with water and we smoked. It was very cold. Before the night was over, the water we had in our water pail had turned to ice. On nights such as this the Bushmen prefer to sit up and talk, to keep their minds off the fact that the air is cold and they are naked and hungry, rather than to try to sleep; they wait to sleep the following day, warm in the sun.

Il: Marshall E-5 (1950-1955) 1958 FX10 Bushmen FX10
Kung

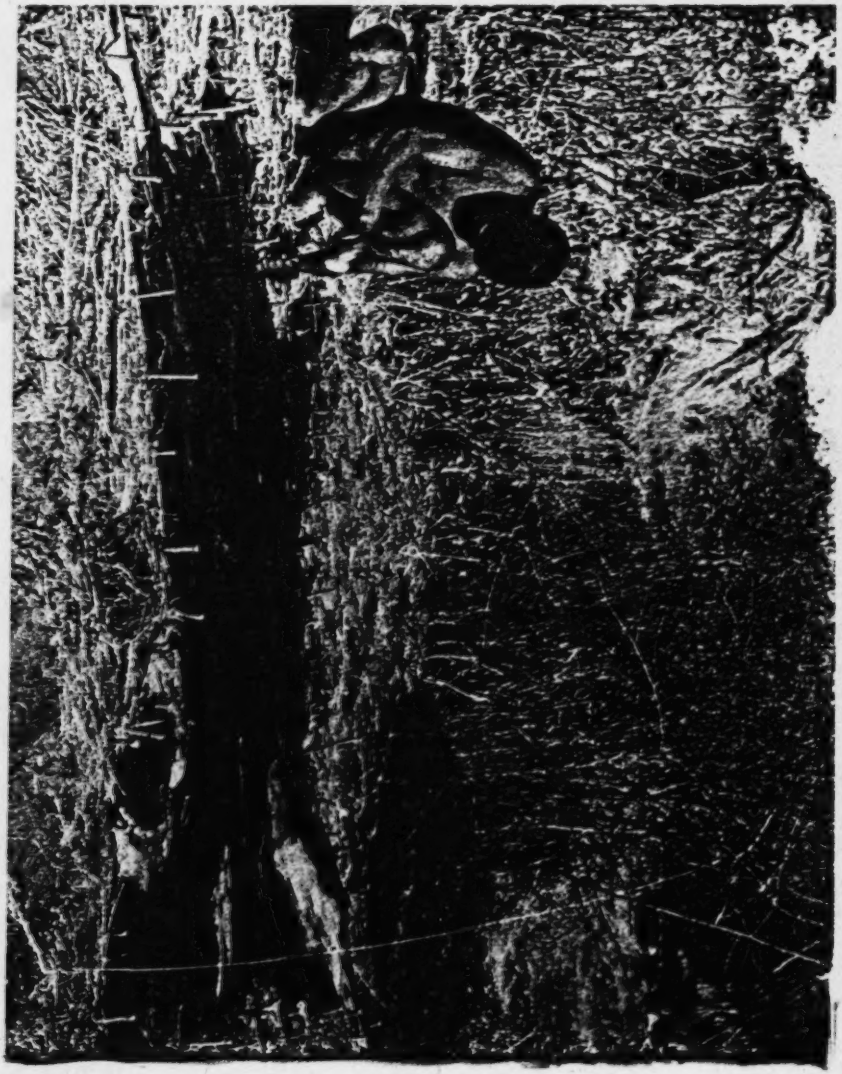


HUNTER'S BOOTY, in addition to meat for the pot, includes much-needed raw materials for !Kung economy. Skins of smaller animals are cut into the breech-clouts worn by the men, and, *above*, are sometimes ingeniously peeled off, almost in one piece, and turned into bags, with the legs serving as straps.

224
281
415

[P. 57]

•281



LARGE HIDE IS STAKED OUT, *above*, to be cured. This may become a cloak (*karosa*), the most important !Kung garment.

[p.55]

237 and bowstrings. horn makes spoons and small containers: most needed of all are the skins—converted into bags and nets for carrying, and into clothes. Men wear only a breech-clout. Women wear modesty aprons, often one in front and one behind, as well as a piece of soft skin, clasped between their buttocks and thighs, when menstruating. Both men and women wear *kaross's*. The *kaross*, or skin cloak, is the most important garment and everyone tries to have one. If a man has only one *kaross*, and he is a good man, he will give it to his wife and do without—for, to a woman, a *kaross* is essential. In it, she is modest. In it, she carries the roots she has gathered in the day and the baby who must go where she goes. Her *kaross* is her warmth at night, her softness on the cold ground. It breaks the blind wind and roofs away the narrow rain.

291
281
[841]
[482]

[p. 57]

12: Marshall E-5 (1951-1959) 1961 FX10 Bushmen FX10
Kung



of the hunting party is not a matter of convention or of anxious concern. Hunting parties are freely organized by men who like to hunt with each other. No categories of kin or affines are prohibited from hunting together, whether they have a joking relationship or not or practise the sitting and speaking taboo. Men from different bands may hunt together.

A father has authority over his sons and sons-in-law and could tell them to go hunting or to accompany him and would expect them to obey. In other relationships participation in a hunting party is voluntary. Any man may instigate a hunt and may ask others to join. No one is formally in command of a party, unless he is the father with his sons or sons-in-law, but often an informal kind of leadership develops out of skill and judgement and the men fall in with the plans and suggestions of the best hunter or reach agreement among themselves somehow.

Hunting parties are usually composed of from two to four or five men. One hunter alone is at a disadvantage. A man cannot leave the meat unguarded from lions, hyaenas, jackals, and vultures while he goes to bring help from the band to carry it nor can he carry it alone. Only occasionally are parties larger than four or five. For two parties to hunt in different directions would be more advantageous than to form a larger single party.

When the kill is made the hunters have the prerogative of eating the liver on the spot and may eat more of the meat until their hunger is satisfied. If they are far from the band, they may eat the parts that are especially perishable or most awkward to carry, like the head, and they sometimes eat the cherished marrow. They then carry the animal to the band, either in its parts, bones and all, or, if the animal is very big, leaving most of the bones and cutting the meat into strips which dry in the sun to biltong and are more easily carried on the carrying-sticks. The blood is carried in bags made of the stomach, rumen, and bladder.

The gall bladder and testicles are discarded at the kill. Eventually the hooves are thrown away and usually the picked bones and horns. (The /Kung make only a few artifacts of bone and horn which last a long time and seldom need replacing.) Sinews are kept for making cord. The hide would be skinned off whole and tanned if it were suitable for a kaross and someone wanted a new kaross at the time. Otherwise, the hide is dried, pounded up, and eaten. Hides are quite tasty. Feet are picked of every tissue; gristle is dried and pounded. Soft parts, such as the foetus, udder, heart, lungs, brains, and blood, are often given to old people with poor teeth. Intestines are enjoyed and desired by all. The meat of the rump, back, chest, and neck is highly appreciated. Nothing is wasted; all is distributed.

The owner of the animal is the owner of the first arrow to be effectively shot into the animal so that it penetrates enough for its poison to work. That person is responsible for the distribution. The headman of the band is not the one to distribute the meat by virtue of his headmanship, unless he happens to be at the same time the owner of the arrow. The owner may or may not be one of the hunters.

Hunters have arrows which they acquire in three different ways. Each man makes arrows for himself, shaping the points (usually now of metal, but still possibly of bone or wood) with some slight distinction so that he will know them from the arrows of other men. Secondly, arrows are given as gifts. The man who made the arrow or who himself acquired it as a gift, may give it to someone else, either a man or a woman, consanguineous kin, affine, or friend.

12: Marshall E-5 (1951-1959) 1961 FX10 Bushmen FX10
Kung



The /Kung stole nothing from us. Even when we went away on trips, leaving several bands of /Kung settled around our camp site, we left our supplies and equipment unlocked in the open or in our tents with confidence that nothing would be stolen. Things that we lost or forgot in the werf were returned to us, even two cigarettes in a crumpled package.

Stealing without being discovered is practically impossible in /Kung life because the /Kung know everybody's footprints and every object. Respect for ownership is strong. But, apart from that, /Ti/kay said, 'Stealing would cause nothing but trouble. It might cause fighting.'

### Conclusion

During seventeen and a half months when I lived with the Nyae Nyae /Kung at Gautscha (with Bands 1 and 2 and many visitors—usually about sixty to seventy-five persons), I personally saw four flare-ups of discord and heard of three others which occurred in neighbouring bands during that period. All were resolved before they became serious quarrels. Of the seven, four were flare-ups of sexual jealousy. One was 'the talk' about Khuan//a's gift. Two were very minor disagreements about going somewhere, when Gao Beard's frustrated young wife hit him on the head with her digging-stick and when /Ti/kay gave his brother a shove for refusing to accompany him. None were about food. We considered, judging from that sample, that the /Kung managed very well to keep tensions from turning into hostility, to avoid arousing jealousy and ill will, to cohere, and to achieve the comfort and security which they so desire in human relations.

## APPENDIX

### *!Kung Bushman Artifacts*

### ANIMAL MATERIALS

#### Hides

*Made and used by men*

- breech clouts
- oracle disks
- head-dresses (a few, worn in dances)
- caps (a few)

*Made by men, used by women*

- genital aprons
- small karosses worn around buttocks or for carrying babies

*Made by men, used by all*

- karosses
- bags (sewn)
- bags of whole skins
- tobacco pouches of scrota
- bracelets, armbands, knee and ankle bands
- necklaces
- thongs

#### Cocoons

*Made by men*

- dance rattles

#### Bone

*Made and used by men*

- connecting parts for arrow-shafts
- arrow-points (few)
- dishes for mixing poison

*Made and used by women*

- fresh bone, pounded to powder, is used to clean and soften karosses

#### Birds' Nests

*Used by men and women*

- tobacco pouches (nests of the penduline tit, *Anthoscopus minutus*)

12: Marshall E-5 (1951-1959) 1961 FX10 Bushmen FX10
Kung



### Sinews

*Made and used by men*

bow-strings
wrappings for arrow-shafts (the poison adheres well to sinew)
binding for hafts
snares

*Made by men, used by all*

strings for *//gwashi* (musical instrument)

*Made by men or women*

fine rolled cord

### Horn

*Made and used by men*

horns fitted with leather covers for carrying arrow-points
horns for cupping

*Used by all*

horns for pipes
horns for spoons

### Shell

*Made by men, used by all*

ostrich egg-shell water-containers
tortoise-shell dippers
tortoise-shell containers

*Made by women*

ostrich egg-shell beads

### Feathers

*Used by boys* on *jani* toys
*Worn by all* occasionally in hair

## VEGETABLE MATERIALS

### Wood

*Made and used by men*

bows
spear handles
axe or adze handles
knife handles
knife sheaths
spring-hare hook handles[1]
fire-making sticks
hatchet bow (musical instrument) (few)

*Made by men, used by all*

digging sticks
carrying sticks
stirring sticks
mortars and pestles
bowls
spoons
fire scrapers
*//gwashi* (musical instrument)
one-stringed violin
*jani* toys
beads

*Made by women*

frames for scherms

### Fibres

(from *sansevieria*, aloe, */nos* tree roots, other roots)

*Rolled by men and women*

cord

*Made and used by men*

carrying-nets
snares

*Made and used by all*

ornaments

### Grass

*Made by men and women*

stoppers for ostrich egg-shell water-containers
ornaments

*Made by women*

scherms

*Made by children*

toys of grass folded and woven to suggest animals

*Used by all* for beds

[1] Bushmen use sticks 12 to 15 feet long made of flexible rods in 3 or 4 sections, with a hook fastened to the end, to hook spring-hares which live in deep burrows. They seldom succeed but keep on trying. They carry only the hook around with them and whenever they need a handle they make a new one.

15: Marshall E-5 (1951-1961) 1965
FX10 Bushmen FX10
!Kung



for stretching carrying nets, and for pounding things. Informants said they had never seen or heard of stone arrow points or blades. They still use bone and wood points occasionally but have for the most part changed over to metal for knives, axes, assegai blades, and drills, as well as for arrow points.

From wood the men make bows and quivers as well as sticks for making fire, digging, carrying, and stirring; handles for knives, axes, and assegais; bowls, spoons, mortars, and pestles; and musical instruments—the five-stringed *//guashi* and a one-stringed violin. Reed and bone are available in plenty for arrow shafts. There are abundant fiber and sinew for the excellent cordage that men and women make. Little tortoise shells are dippers and cosmetic boxes. Hides, although not abundant, are sufficient—in the Nyae Nyae region at least—for everyone to have a kaross, for the men to have breechclouts, and for the women to have modesty aprons and skins to wear around the buttocks. All have sewn skin bags. These objects of hide are made by men because they are products of the hunt. Frequently there are surplus hides for trade.

Ostrich egg shells are used for water containers, and women make ostrich egg shell beads. This is the one important craft of the women and the one for which Bushmen are noted among the surrounding peoples. Good ostrich egg shell bead ornaments are the most prized possessions of the !Kung. The women also make ornaments of European beads and of grass and thongs and *tsi* nuts. They very much enjoy ornamenting themselves.

The !Kung decorate their artifacts occasionally with rather meager scratched designs but have not developed graphic, pictorial, or sculptural arts to any appreciable extent.

The !Kung trade with their Tswana and Herero neighbors, offering well-tanned hides, ostrich egg shell beads, and a red powder they make from the dead heartwood of a certain tree. Usually what they want most of all in exchange is tobacco—for they are passionately addicted smokers—and malleable metal from which they shape their arrow points and assegai blades. They also want knives, axes, European beads, and either the round-bottomed Ovambo pots or European iron pots. Once in a while they get an old chisel or file, a basin or cup, or a few miserable scraps of cloth garments. The little Bushmen find the bigger, more aggressive Bantu hard bargainers and are rather at their mercy.

The significant thing about !Kung artifacts from a social point of view is that they are not accumulated as wealth and their possession does not symbolize high status or bestow prestige. It is not advantageous to multiply and accumulate in this society. Any man can make what he needs when he wants to. Most of the materials he uses are abundant and free for anyone to take. Furthermore, in their nomadic lives, without beasts of burden, the fact that the people themselves must carry everything puts a sharp limit

224 462 [222] track the animal to the place where it has died. All the Dobe area Bushmen consistently hunted and collected within a 15-20 mile radius of their camps. Hunting trips of 3-10 days duration have been recorded in the literature on !Kung (e.g. L. Marshall 1960:331), but these extended trips were not a feature in the Dobe area.

222 224 462 The contrast in technology between the hunting equipment of the men and the gathering equipment of the women is striking. Only three elementary tools are required for the complete range of gathering tasks. On the other hand, the hunting kits consist of at least 19 complex weapons and devices, with sophisticated methods of manufacture and maintenance.

222 The three gathering tools are the kaross, the digging stick and the nut-cracking stones. With only these three items, a softened antelope hide, a sharpened stick, and a pair of unimproved rocks, the entire gamut of plant foods [291] can be exploited. The kaross is the most important of the three. This is a one-piece combination garment-cum-carrying-device made from the hide of a gemsbok, kudu or wildebeeste. [281] The raw hide is dried, the edges are trimmed and the hide is softened by a tanning agent from the plant Elephantorhiza burkei. The resulting garment is worn by the women draped [482] over the back. When tied at the waist by a leather thong, [291]

2: Schapera E-4, 5 (no date) 1930
FX13 Hottentot
Bushmen FX10



## Dress and Decoration

*Bushmen*

Save where there has been a good deal of contact with European influences, all the Bushmen wear garments made entirely from the skins of animals, usually some kind of buck taken in the chase.[1] Complete nudity is hardly ever found, though it is reported on hearsay evidence by Miss Bleek of some of the wilder bands of Auen and Naron. All the clothes are made by the men, who prepare not only their own garments but also those of their wives and children.

The principal garment of the men among all the Bushmen consists in a triangular piece of skin, two ends of which are tied together round the loins, while the third is passed between the legs and knotted on behind. Some of the North-Eastern Bushmen (Tannekwe, Hukwe, Galikwe), who have been much in contact with the Bantu, have adopted the form of loin-cloth worn by the latter, in which a piece of skin passed between the legs is drawn before and behind through a leather girdle tied round the loins. A skin cloak (" kaross ") is also worn by most of the men, especially in cold weather or when on the march. This is tied over the right shoulder by means of strips of skin attached to two ends, and hangs so as to cover the back and, if large enough, also the chest, while leaving the arms and left shoulder free. It is sometimes worn slung over both shoulders and tied under the chin. The head is usually uncovered, but skin caps are sometimes seen, as well as leather sandals tied round the ankle with thongs.

On the march the men carry a round bag slung on over the right shoulder and hanging on the left hip. In it are carried all sorts of small possessions and food. A longer skin bag, containing the weapons, fire-sticks, etc., is also hung over the left shoulder. Bark quivers for the arrows are sometimes found as well, more especially among the Southern and Namib Bushmen.

The women wear a hanging apron in front, consisting in a piece of skin attached to a leather belt passing round the loins. It is often ornamented with bead or leather tassels. A smaller apron, covering only the genitals, is sometimes worn beneath this. The older women

[1] The fullest descriptions of Bushman dress and decoration are given by: Fritsch, *Die Eingeborenen Süd-Afrika's*, pp. 428–30; Passarge, *Die Buschmänner der Kalahari*, 33–40; Kaufmann, " Die Auin," 140–3; Werner, " Beobachtungen über die Heikum- und Kungbuschleute," 285–95; Seiner, "Bereisung des Gebietes zwischen Okawango und Sambesi," 297–8; Dornan, *Pygmies and Bushmen of the Kalahari*, 87–90; D. F. Bleek, *The Naron*, 8–10; E. Gretschel, " Die Buschmannsammlung Hannemann," *Jb. städt. Mus. Vkde. Leipzig*, v (1911–12), 101–10.

2: Schapera E-4, 5 (no date) 1930
FX13 Hottentot
Bushmen FX10



also have a larger apron behind, sometimes hanging from the shoulders, more often tied round the waist, and almost meeting over or under the apron in front. In the north-east a leather loin-cloth drawn through a belt in the same way as that of the men, only somewhat longer, is often seen instead. A large kaross is also worn by the married women. This hangs from the right shoulder, passing under the left arm, and is tied again at the waist; it thus forms a convenient pouch, in which are carried the baby as well as supplies for the day, such as ostrich eggshells filled with water, edible roots and fruit, grass or firewood.

Babies go naked, save for a trifling ornament, till they are about a year old. The boys are then given a tiny belt with a semi-circular flap of leather in front, the girls a small apron decorated with leather tassels and beads. Their mother's kaross, however, continues to be their sole protection from the cold till they are weaned, when about three or four years old. The little girls then receive a tiny kaross hanging from the shoulders, the boys a small loin-cloth similar to that of the men. They do not wear a cloak of any kind till they are in their teens and are taken out to learn hunting.

All women and children and the younger men also wear ornaments. Chief among these are ostrich egg-shell beads, the making of which is one of the oldest Bushmen industries. Such beads, whole and in fragments, and at all stages of making, are found all over South Africa, from the kitchen-middens on the south coast as far north as the Okavango, where they form a standard article of barter between the Bushmen and their Bantu neighbours. They are made by the women. The eggshell is broken into small pieces which are softened in water and pierced with a small stone or iron borer. They are then threaded on to a strip of sinew and the rough edges chipped off with a horn. Soft bark fibre is next twisted between the beads, making the chain very taut, and the edges are finally rubbed smooth with a soft stone. The beads thus made are used as single chains or worked into more complicated ornaments. Bands of them are worn on the hair, sometimes encircling the whole head, more often tied to the hair on either side, while a long narrow strip may hang down the forehead or on to the neck behind. Necklaces and bracelets of these beads are also seen, and very long chains are fastened three or four times round the waist (Plate XI).

Besides these beads any other ornaments obtainable are worn by the women. These include arm and leg bands made of leather and bark strips or twisted from the tail hairs of a wildebeest or gnu, as

2: Schapera E-4, 5 (no date)1930
FX13 Hottentot
Bushmen FX10



262 [114] to these taboos is unfortunately so fragmentary that little can be gathered of the ideas underlying them. Several of them are undoubtedly connected with wider ritual observances, e.g. the taboo [821] imposed on menstruating girls, and again that associated with a [821] certain belief about the rain; but of the others no full explanation is [773] available, although the taboo on the portion of the hare may possibly [761] be linked up with the Bushman myth of the origin of death, in which [825] the hare plays the part of the fateful messenger who distorts the promise of immortality sent to mankind by the moon.

Among the Naron, again, "It does not seem," says Miss Bleek,[1] "as if many taboos in the food line still existed. Paauw meat and ostrich eggs are chiefly given to old men as the greatest delicacies. Some say young children, or girls till they have had their first baby, are not to eat steenbok, lest they remain small, but others tell me that all meat is eaten by everyone. Honey touched by a baboon must not be eaten, or you will die." Among the Auen, young girls and boys apparently may not eat game at all, otherwise they will remain thin; while water [841] and food collected by a menstruating woman may be partaken of only by herself and old people—it "makes others weak".[2]

About the Heikum we have far more information on this point, 224 thanks to the excellent description given by Fourie of certain [114] of their hunting observances.[3] The details he gives throw such a wealth of new light upon this aspect of Bushman life that they may be quoted in full. "After an animal has been shot it is followed by the hunter until it expires or until nightfall when he returns to the *//gaus* (camp). The following morning the whole community takes part in the search for the carcass, as the previous day's tracks had in all probability been effaced during the night by other animals. 224 The searchers spread out on a wide front and keep a very sharp lookout 252 for the presence of vultures. After the carcass has been found it is [462] skinned by the men. The belly is then opened and the entrails removed and cleaned. Bags are made from the stomach and into these the blood is collected. The animal is next cut up and, after this has been done, the liver is roasted and eaten by the men. The skin, if suitable for the [281] purpose, is cut into sandals, bowstrings, etc., on the spot. The meat is [462] then removed to the *//gaus* by the men who may occasionally be assisted by the women. On arrival at the *//gaus* all the meat is laid

[1] *The Naron*, 7.
[2] Kaufmann, "Die Auin," 140, 157.
[3] "The Bushmen of S.W. Africa," 100–2; cf. *idem*, "Customs of the Hei-//om Bushmen," 54–6.

2: Schapera E-4, 5 (no date) 1930
FX13 Hottentot
Bushmen FX10



decorated with burned lines) on which meat is roasted, and scoops for hoeing out the earth loosened with the digging-stick. The North-western tribes also manufacture wooden cooking pots (sometimes decorated with burned patterns of simple design), calabashes for holding fat and other liquids, eating vessels and spoons, as well as pestles and mortars, the latter often provided with a stone bottom, which are used for pounding up dried berries, etc. Wood fibre is twisted into cord, from which they prepare their snares and sometimes their bow-strings and make nets for carrying their belongings.

Reeds provide them with arrow-shafts and with the tubes for sucking up water, as well as with the material from which they make their fish-traps and weave closely-stranded mats for sifting ants' eggs. Reed mats are also occasionally used in the building of their huts.

Ostrich egg-shells are converted into bottles for holding water, and are also broken up into very small pieces from which the women make their beads. Tortoise-shells are used as spoons and scoops, and are also made into powder boxes for containing *buchu*. Small drills are made of stone for the manufacture of ostrich egg-shell beads, larger ones for the manufacture of serpentine pipes; two or three stones are also used as anvils for working the iron obtained by barter, or for the purpose of grinding berries, and besides these a few smaller stones are to be seen used for hammer stones or rubbing stones. The other types of stone implements, which link up the Bushmen with the prehistoric cultures of South Africa, are now almost certainly no longer made; nor, too, are the crude pots of clay formerly used by the Cape Bushmen.

From the skins of animals killed in the chase, again, are made karosses, loin cloths, sandals, caps, leather bags, quivers, tobacco pouches, etc. The sinew is used for making bowstrings, for reinforcing the shafts of the bows and arrows, and as thread for sewing skins, while in some cases it also provides the string for the nets in which personal belongings are carried. The long bones of the ostrich and various kinds of big game are used for making the foreshafts and points of arrows, while other bones are made into knives, awls, pipes, etc. Horns are manufactured into spoons, whistles, small quivers for carrying arrow-points during the rainy season, implements for stripping the fibre required for snares, artificial leeches, etc., while the stomach of large animals, when not required for food, is fashioned into bags for collecting the blood and for carrying water.